IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	:	**BOX PATENT APPLICATION**
Benoît BARRIERE et al.	:	Examiner: Unassigned
Serial No.: Unassigned	:	Group Art Unit: Unassigned
Filed: April 2, 2001	:	

For: STRUCTURE COMPRISING A FLUORO PRIMER AND ELECTRODE BASED ON THIS STRUCTURE

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, Applicants wish to amend the above-identified application as indicated below:

IN THE SPECIFICATION

Please replace the paragraph beginning at page 5, line 5, with the following rewritten paragraph:

--Many fluoro polymers and copolymers are commercially available, in particular those from the company Atofina under the brand name Kynar®.

Please replace the paragraph beginning at page 13, line 3, with the following rewritten paragraph:

--Kynar® 761 sold by Atofina is used to form a coating according to Example 4 on an aluminium foil, which is uncoated or coated with a primer of the chemically modified PVDF homopolymer "A" of Example 2 according to Example 4. If the aluminium foil is not coated with a primer, the Kynar® 761 does not adhere to the aluminium. If the aluminium foil is coated with a primer of the chemically modified PVDF homopolymer "A" or Example 2, the Kynar® 761 adheres to the aluminium, and using the process described in Example 9, the peeling force between the Kynar® 761 coating and the aluminium foil can be measured as 0.22 N/25 mm with a standard deviation of 0.06 N/25 mm.--

Please replace the paragraph beginning at page 13, line 15, with the following rewritten paragraph:

--Kynar® 761 sold by Atofina is used to form a negative electrode according to Example 5 and Example 6, which is uncoated or coated with a primer of chemically modified PVDF homopolymers "A", "B" and "C" of Example 2 according to Example 4, or with a primer of the chemically modified PVDF/HPF copolymers "D" and "E" of Example 2 or the PVDF homopolymer Kf-1300 from Kureha (market "standard") is also used to form a negative electrode according to Example 5 and Example 6 and to compare them with the previous ones. Using the process described in Example 9, the peeling force between the conductive layer and the aluminium foil can be measured, and the results are collated in the table below:

Binder used	Primer	Peeling force (g / 25 mm)
Kynar® 761	no	55
Kynar® 761	A	110
Kynar® 761	B	200
Kynar® 761	C	200
Kynar® 761	D	170
Kynar® 761	E	200
A	no	220
KF-1300	no	140

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Please replace the paragraph beginning at page 14, line 10, with the following rewritten paragraph:

--Kynar® 761 sold by Atofina is used to form a positive electrode according to Example 7 and Example 8, which is uncoated or coated with a primer for the chemically modified PVDF homopolymers "A", "B" and "C" of Example 2 according to Example 4. The chemically modified PVDF homopolymer "A" of Example 2 or the PVDF homopolymer KF-1300 from Kureha (market "standard") is also used to form a negative electrode according to Example 7 and Example 8 and to compare them with the previous ones. Using the process described in Example 9, the peeling force between the conductive layer and the aluminium foil can be measured, and the results are collated in the table below:

Binder used	Primer	Peeling force (g / 25 mm)
Kynar® 761	no	25
Kynar® 761	A	430
Kynar® 761	B	450
Kynar® 761	C	400
A	no	340
KF-1300	no	60

REMARKS

The changes to the specification reflect the name change of Elf Atochem S.A. to Atofina.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "**Version With Markings To Show Changes Made**".

Respectfully submitted,

I. William Millen (Reg. No. 19,544)
Attorney for Applicants

MILLEN, WHITE, ZELANO & BRANIGAN, P. C.
2200 Clarendon Boulevard, Suite 1400
Arlington, Virginia 22201
(703)812-5325
Internet address: millen@mwzb.com

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Version With Markings To Show Changes Made

IN THE SPECIFICATION

Paragraph beginning at line 5, page 5, has been amended as follows:

--Many fluoro polymers and copolymers are commercially available, in particular those from the company ~~Elf Atochem S.A.~~ Atofina under the brand name Kynar®.

Paragraph beginning at line 3, page 13, has been amended as follows:

--Kynar® 761 sold by ~~Elf Atochem S.A.~~ Atofina is used to form a coating according to Example 4 on an aluminium foil, which is uncoated or coated with a primer of the chemically modified PVDF homopolymer "A" of Example 2 according to Example 4. If the aluminium foil is not coated with a primer, the Kynar® 761 does not adhere to the aluminium. If the aluminium foil is coated with a primer of the chemically modified PVDF homopolymer "A" or Example 2, the Kynar® 761 adheres to the aluminium, and using the process described in Example 9, the peeling force between the Kynar® 761 coating and the aluminium foil can be measured as 0.22 N/25 mm with a standard deviation of 0.06 N/25 mm.--

Paragraph beginning at line 15, page 13, has been amended as follows:

--Kynar® 761 sold by ~~Elf Atochem S.A.~~ Atofina is used to form a negative electrode according to Example 5 and Example 6, which is uncoated or coated with a primer of chemically modified PVDF homopolymers "A", "B" and "C" of Example 2 according to Example 4, or with a primer of the chemically modified PVDF/HPF copolymers "D" and "E" of Example 2 or the PVDF homopolymer Kf-1300 from Kureha (market "standard") is also used to form a negative electrode according to Example 5 and Example 6 and to compare them with the previous ones. Using the process described in Example 9, the peeling force between the conductive layer and the aluminium foil can be measured, and the results are collated in the table below:

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Kynar® 761	D	170
Kynar® 761	E	200
A	no	220
KF-1300	no	140

Please replace the paragraph beginning at page 14, line 10, with the following rewritten paragraph:

--Kynar® 761 sold by ~~Elf Atochem S.A.~~ Atofina is used to form a positive electrode according to Example 7 and Example 8, which is uncoated or coated with a primer for the chemically modified PVDF homopolymers "A", "B" and "C" of Example 2 according to Example 4. The chemically modified PVDF homopolymer "A" of Example 2 or the PVDF homopolymer KF-1300 from Kureha (market "standard") is also used to form a negative electrode according to Example 7 and Example 8 and to compare them with the previous ones. Using the process described in Example 9, the peeling force between the conductive layer and the aluminium foil can be measured, and the results are collated in the table below:

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